



RAF/2154

PATENT

Attorney Docket No.: AVALUC-01300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: 2154
Chih-Yuan Chang *et al.*)
Serial No.: 09/649,474) Examiner: Lin, Kenny
Filed: August 28, 2000)
For: **A MEDIUM ACCESS CONTROL**) TRANSMITTAL LETTER
(MAC) PROTOCOL WITH)
SEAMLESS) 162 North Wolfe Road
POLLING/CONTENTION MODES)) Sunnyvale, California 94086
) (408) 530-9700
) Customer Number 28960

MS: Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RECEIVED

MAY 20 2004

Technology Center 2100

Sir:

Enclosed please find the response to the final office action mailed on March 31, 2004 for filing with the U.S. Patent and Trademark Office.

The Commissioner is authorized to charge any additional fee or credit any overpayment to our Deposit Account No. 08-1275. An originally executed duplicate of this transmittal is enclosed for this purpose.

Respectfully submitted,
HAVERSTOCK & OWENS LLP

Dated: May 14, 2004

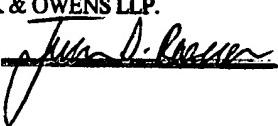
By: 
Thomas B. Haverstock
Reg. No.: 32,571

CERTIFICATE OF MAILING (37 CFR§ 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

Attorneys for Applicants

HAVERSTOCK & OWENS LLP.

Date: 5-14-04 By: 



PATENT
Attorney Docket No.: AVALUC-01300

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Group Art Unit: 2154
Chih-Yuan Chang et al.)
Serial No.: 09/649,474) Examiner: Lin, Kenny
Filed: August 28, 2000)
For: **A MEDIUM ACCESS CONTROL**) **RESPONSE TO FINAL OFFICE ACTION**
(MAC) PROTOCOL WITH) **MAILED ON**
SEAMLESS) **March 31, 2004**
POLLING/CONTENTION MODES) 162 N. Wolfe Road
Customer No.: 28960 Sunnyvale, CA 94086
(408) 530-9700

MS: Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RECEIVED

MAY 20 2004

Technology Center 2100

AMENDMENTS

Listing of the Claims:

1. (Currently Amended) A method of coordinating slotted multiple access in a wireless network channel shared by a plurality of users comprising the steps of:
 - a. assigning each of a plurality of users into a subgroup, thereby forming one or more subgroups of users, wherein each subgroup utilizes a contention mode;
 - b. utilizing a polling mode to provide each subgroup a transmission opportunity; and
 - c. utilizing a seamless transition between the polling and contention modes such that when a specific subgroup is provided a transmission opportunity and a collision occurs between user signals within the specific subgroup, the specific subgroup is split into smaller subgroups, each smaller subgroup including a portion of the users within the specific subgroup and each smaller subgroup utilizes a contention mode.